

TEST REPORT

Applicant: NANO AND ADVANCED MATERIALS INSTITUTE
NEW ISLAND PRINTING GROUP CO., LTD
ROOM 1701, 17/F, BILLION PLAZA,
8 CHEUNG YUE STREET,
CHEUNG SHA WAN, KOWLOON,
HONG KONG
Attn: RAIN NG

Number: HKGH0302050002

Date: Jul 28, 2023

Sample and Information provided by customer :
Item Name : **AGS-WB**
PO No. : NA2300506
Quantity : 1 bag
Packaging Provided : Yes
Manufacturer : New Island Printing Group Co., Ltd.
Country of Origin : China

For and on behalf of :
Intertek Testing Services HK Ltd.



Cindy I.K. Chan
Vice President



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Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

| <u>Requirement</u> | <u>Result</u> |
|--|---------------|
| (1) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) - Coloring Matters | Pass |
| (2) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) and (Notification of Standards and Evaluation Division, Dept. of Food Safety, Pharmaceutical and Food Safety Bureau, No. 0107001, Notice of Inspection and Safety Division, Dept. of Food Safety, Pharmaceutical and Food Safety Bureau, No. 0107001, 2004) for Fluorescent Substance. | Pass |
| (3) Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) - Synthetic Resin in General | Fail |

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc>.
If decision rule already inhaled in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



TEST REPORT

Number : HKGH0302050002

(1) Chemical Properties on Coloring Matters

Test method: Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947).

| Component no. | Component description |
|---------------|----------------------------|
| (A) | White paper with printings |

Requirement : No running of coloring matters was observed in the leaching solution

| Leaching solution | Leaching condition | Result |
|-------------------|-----------------------|--------|
| | | (A) |
| n-Heptane | At 25° for 1 hour | NR |
| 20% Ethanol | At 60° for 30 minutes | NR |
| Water | At 60° for 30 minutes | NR |
| 4% Acetic acid | At 60° for 30 minutes | NR |

Date sample received : Jun 05, 2023

Testing period : Jun 05, 2023 to Jul 04, 2023



TEST REPORT

Number : HKGH0302050002

(2) Chemical Properties on Fluorescent Substance

Test method: Specifications and Standards and Testing Methods of "Foodstuffs", "Implements", "Containers and Packaging", "Toys" and "Detergents", Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233, 1947) and (Notification of Standards and Evaluation Division, Dept. of Food Safety, Pharmaceutical and Food Safety Bureau, No. 0107001, Notice of Inspection and Safety Division, Dept. of Food Safety, Pharmaceutical and Food Safety Bureau, No. 0107001, 2004).

| |
|--------------------------------|
| Tested Component : |
| (A) White paper with printings |

| Tested component | Result | Requirement |
|------------------|----------|-------------|
| (A) | Negative | Negative |

Date sample received : Jun 05, 2023
Testing period : Jun 05, 2023 to Jul 04, 2023



TEST REPORT

Number : HKGH0302050002

(3) Chemical Properties For Synthetic Resin in General

Test method: Specifications and Standards and Testing Methods of “Foodstuffs”, “Implements”, “Containers and Packaging”, “Toys” and “Detergents”, Section III - Apparatus and Containers and Packages, (Notification No. 370 of Ministry of Health, Labour and Welfare, 1959), under the Japan Food Sanitation Law (Law No. 233,1947).

| Component no. | Component description | Material type provided by client |
|---------------|--|----------------------------------|
| (A) | White paper card with pale blue/ black printings | Paper |

Intended use of product: Temperature ≤ 100°C

| Material type | Synthetic resin in general | | |
|---|----------------------------|----------|-------------|
| Parameter | Result | Limit | Conclusion |
| | (A) | | |
| i) General requirement | | | |
| Elution test | | | |
| • Consumption of potassium permanganate | 35 µg/ml* | 10 µg/ml | Fail |
| • Heavy metal (as lead) | < 1 µg/ml | 1 µg/ml | Pass |
| Material test | | | |
| • Total cadmium (Cd) | < 5 µg/g | 100 µg/g | Pass |
| • Total lead (Pb) | < 5 µg/g | 100 µg/g | Pass |

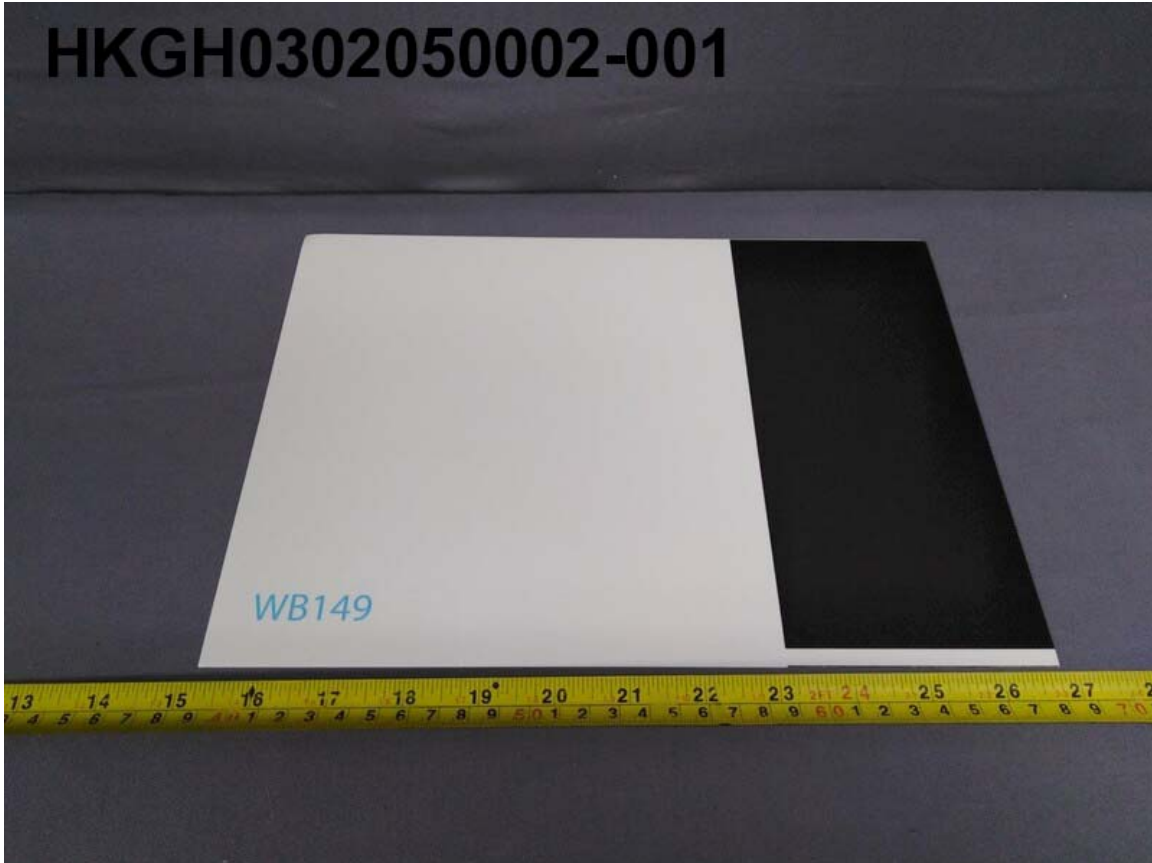
Remark : µg/ml = microgram per millilitre
 µg/g = microgram per gram
 * = Failed item

Date sample received : Jun 05, 2023
 Testing period : Jun 05, 2023 to Jun 21, 2023



TEST REPORT

Number : HKGH0302050002



End of report

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